

# **Concepts to be covered in the course**

## **Review of Fourier analysis**

## **Review of Linear systems**

## **Baseband transmission**

- Discrete Baseband (PAM, PPM, PWM)

- Digital Baseband (PCM, delta,)

- Receivers

- Performance

- Application to the CD format

## **Amplitude Modulation**

- different implementations

- modulators

- demodulators

- Application to AM broadcast

## **Frequency Modulation**

- different implementations

- modulators

- demodulators

- Application to FM broadcast & stereo

## **Phase Modulation**

- Analog & digital phase modulation

- modulators

- demodulators